

Work Order ID 68196

Friday, April 08, 2011 10:01:59 AM



ASAP

Page 1

Item ID: D3589-049

Accept



Setup Start



Revision ID:

Stop



Item Name: Aft Guide

Start Date: 4/8/2011 Start Qty: 2.00



Cust Item ID:

Required Date: 4/12/2011 Req'd Qty: 2.00



Customer:

Reference:

Approvals:

Process Plan:

MC

Date:

11-04-08

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
D3589	Rev B

100. Weld per dwg A/R S.S. rod Batch: *1114509* 0.00



Large Fab Memo 0.00

Large Fab 1- assemble and weld as per dwg D3589 QSI004

A/R Stainless Steel rod batch: *1114509*

EL 11-4-12



110 QC9- Inspect visual per QSI004- Fusion Welds 0.00



QC Memo 0.00

Quality Control

11-04-13

120 QC5- Inspect part completeness to step on W/O 0.00



QC Memo 0.00

Quality Control

11 05 13



Work Order ID 68196

Friday, April 08, 2011 10:02:00 AM



Page 2

Item ID: D3589-049

Accept



Setup Start



Revision ID:

Stop



Item Name: Aft Guide

Start Date: 4/8/2011 Start Qty: 2.00



Cust Item ID:

Required Date: 4/12/2011 Req'd Qty: 2.00



Customer:

Reference:

Run Start



Approvals: Process Plan: Date: Tooling: Date:

Stop



QC: Date: SPC (Y/N): Date:

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run HoursTool ID Tool # Plan
CodeAccept Reject Reject Insp.
Qty Qty Number Stamp

130

Identify as per dwg & Stock Location: 68

0.00



Packaging

Memo

0.00

Packaging

4/4/13 60 SL

140

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

4/4/14 [Signature]CME
11-04-13

Picklist Print

Friday, April 08, 2011 10:01:54 AM

Page 1

Work Order ID: 68196

Parent Item: D3589-049

Parent Item Name: Aft Guide



Start Date: 4/8/2011

Required Date: 4/12/2011

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP Rev:A 08-05-30 new issue DD verified by:ec

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D3589-19

Manufactured

No

100

Each

5.0000

1

2



Aft Guide Plate



EL 11-4-12

Location

Loc Qty

Loc Code

WA023

5

56916

5

D3589-5

Manufactured

No

100

Each

2.0000

1

2



LATCH GUIDE



EL 11-4-12

Location

Loc Qty

Loc Code

WA023

2

67082

2

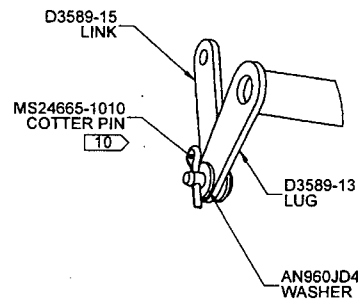
68264

2

2

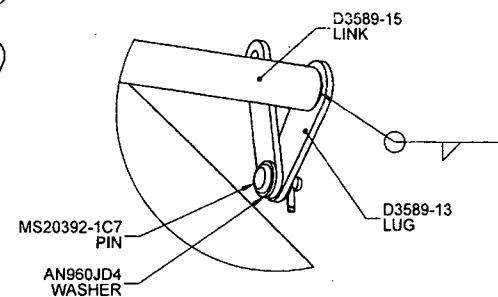
QTY. -041	P/N	DESCRIPTION
X	D3589-041	LATCH ASSEMBLY
1	D3589-045	AFT PLATE WELDMENT
1	D3589-043	FORWARD PLATE WELDMENT
1	D3589-1	ARM
2	D3589-3	ARM GUIDE
2	D3589-13	LUG
2	D3589-15	LINK
4	AN960JD4	WASHER
2	MS20392-1C7	PIN
2	MS24665-1010	COTTER PIN

D3589-041 LATCH ASSEMBLY



DETAIL A: LINK ASSEMBLY DETAIL

SCALE 2X
2 PL



DETAIL B: WELDING AND LINK ASSEMBLY DETAIL

SCALE 2X
2 PL

B	0.60 AND 0.63 REF WERE 1.97 AND 0.60 (ZN C6-2); 0.50 WAS 1.89 (ZN C3-2); 0.75 REF REPLACES 2.01 (ZN C2-2); 29" WAS 15" (ZN B2-2); 19.00 WAS 18.88 (ZN D4-4); REDESIGNED D3589-9 (ZN A6-6) AND D3589-11F (ZN C2-3) REASON: REDESIGN FOR PROPER FIT AND TO MATCH TESTED CONFIGURATION	MB	08.06.25
A	NEW ISSUE	MB	08.05.29
REV.	DESCRIPTION	BY	DATE
DESIGN	JH		
DRAWN	JH		
CHECKED	JH		
MFG. APPR.	JH		
APPROVED	JH		
DE APPR.	JH		
DATE	08.06.25		

D3589-041 NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3589-041" USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: 0.73 lbs
- 8) WELDING: PER DART QSI 004 USING DT9033
- 9) IDENTIFIED PARTS ARE LOOSE ON D3589-1 ARM
- 10) INSTALL COTTER PIN IN ACCORDANCE WITH MS33540

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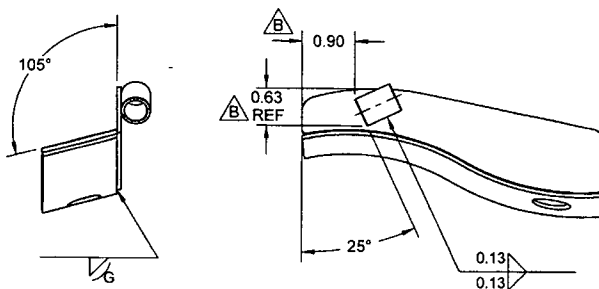
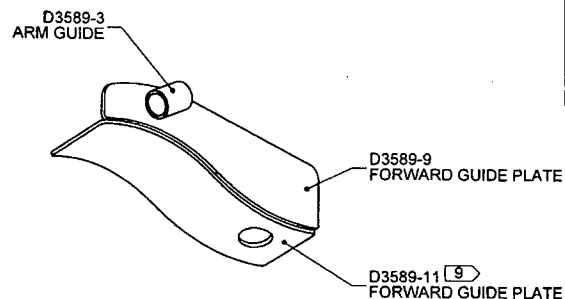
DRAWING NO. **D3589** REV. B
SHEET 1 OF 8

TITLE **LATCH ASSEMBLY** SCALE NTS

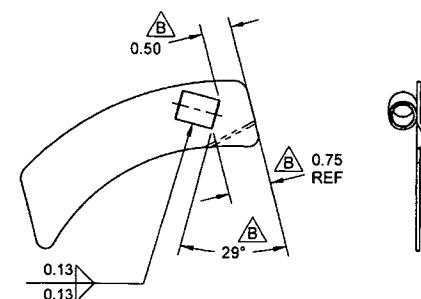
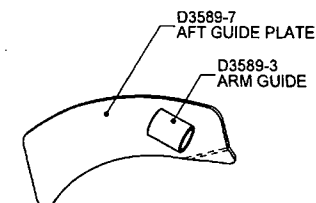
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RELEASED
08/25/08 MB

QTY -043	QTY -045	P/N	DESCRIPTION
X		D3589-043	FORWARD PLATE WELDMENT
	X	D3589-045	AFT PLATE WELDMENT
1	1	D3589-3	ARM GUIDE
1	1	D3589-7	AFT GUIDE PLATE
1		D3589-9	FORWARD GUIDE PLATE
1		D3589-11	FORWARD GUIDE PLATE



D3589-043 FORWARD PLATE WELDMENT



D3589-045 AFT PLATE WELDMENT

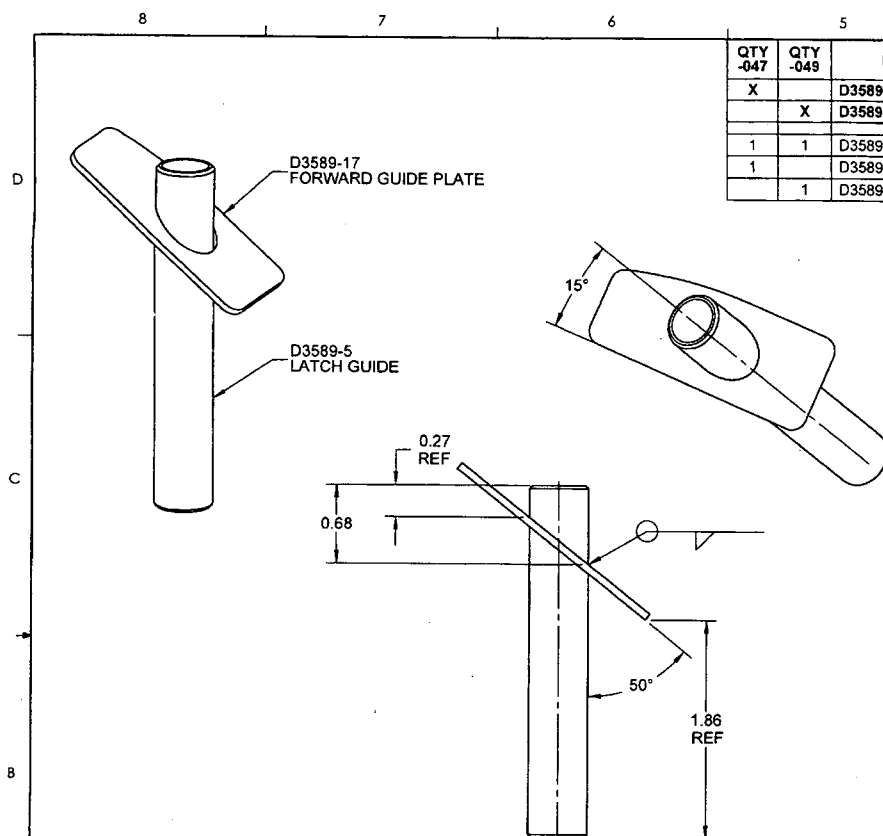
D3589-043/-045 NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3589-0XX" USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT:
 - D3589-043 = 0.22 lbs
 - D3589-045 = 0.10 lbs
- 8) WELDING: PER DART QSI 004 USING DT9033
- 9) FORM D3589-11 TO FIT D3589-9 MATING EDGE

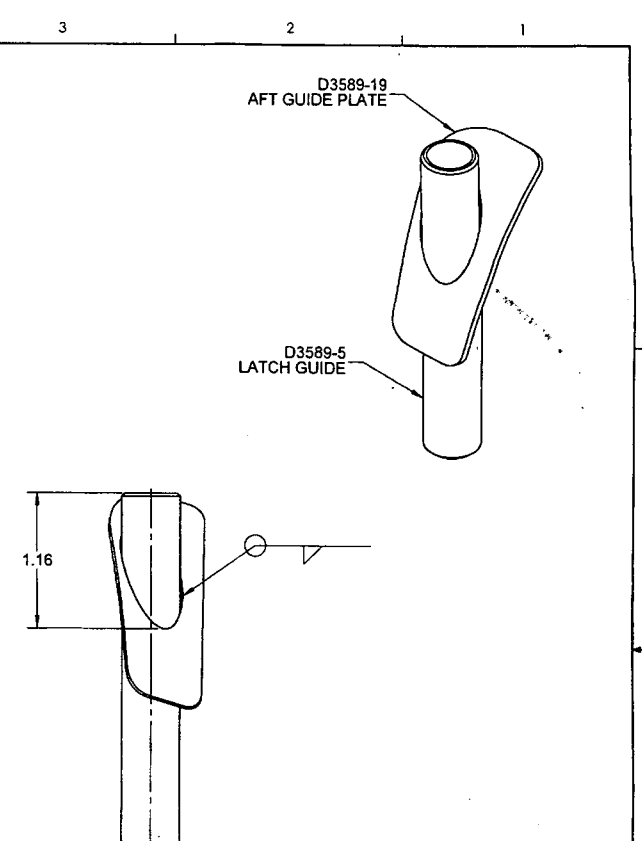
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09/03/05

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MFG. APPR.			SHEET 2 OF 8
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QTY -047	QTY -049	P/N	DESCRIPTION
X		D3589-047	FORWARD GUIDE
	X	D3589-049	AFT GUIDE
1	1	D3589-5	LATCH GUIDE
1		D3589-17	FORWARD GUIDE PLATE
	1	D3589-19	AFT GUIDE PLATE



D3589-047 FORWARD GUIDE



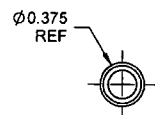
D3589-049 AFT GUIDE

D3589-047/-049 NOTES:

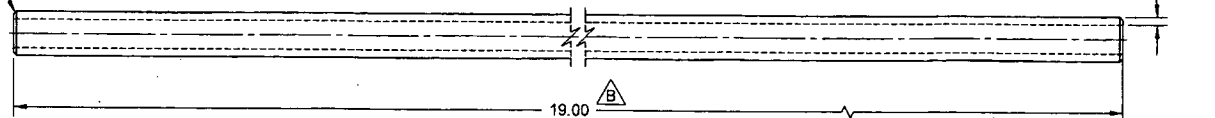
- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3589-0XX" USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: 0.07 lbs EACH
- 8) WELDING: PER DART QSI 004

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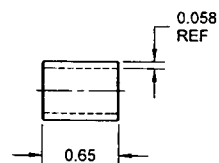
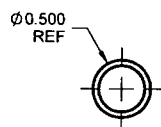
RELEASED
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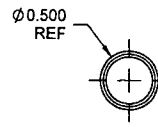
0.03 X 45°
CHAMFER
2 PL



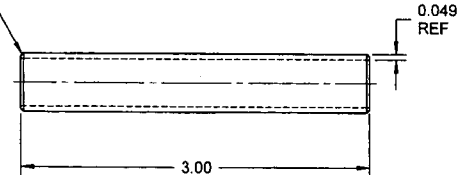
D3589-1 ARM



D3589-3 ARM GUIDE



0.03 X 45°
CHAMFER
2 PL



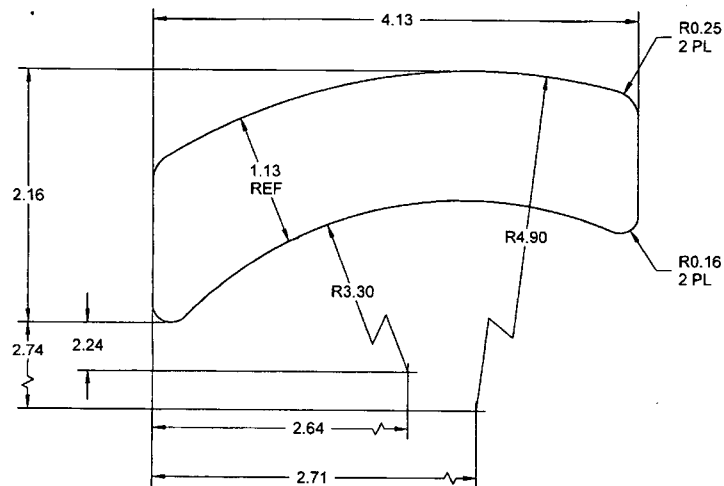
D3589-5 LATCH GUIDE

D3589-1/-3/-5 NOTES:

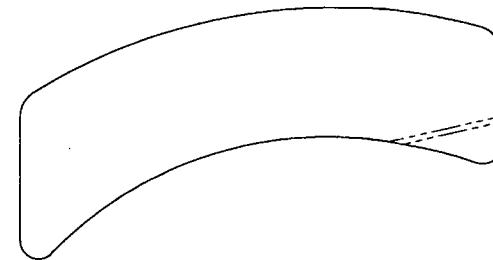
- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SEAMLESS ROUND TUBING
D3589-1: 0.375 O.D. X 0.065 WALL (REF. DART SPEC M304TR0.375W.065)
D3589-3: 0.500 O.D. X 0.058 WALL (REF. DART SPEC M304TR0.500W.058)
D3589-5: 0.500 O.D. X 0.049 WALL (REF. DART SPEC M304TR0.500W.049)
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: - D3589-1 = 0.34 lbs
- D3589-3 = 0.01 lbs
- D3589-5 = 0.06 lbs

RELEASED
9/62/65

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MFG. APPR.	PH	D3589	SHEET 4 OF 8
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DE APPR.	PH	LATCH ASSEMBLY	NTS
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**D3589-7F AFT GUIDE PLATE
FLAT PATTERN**



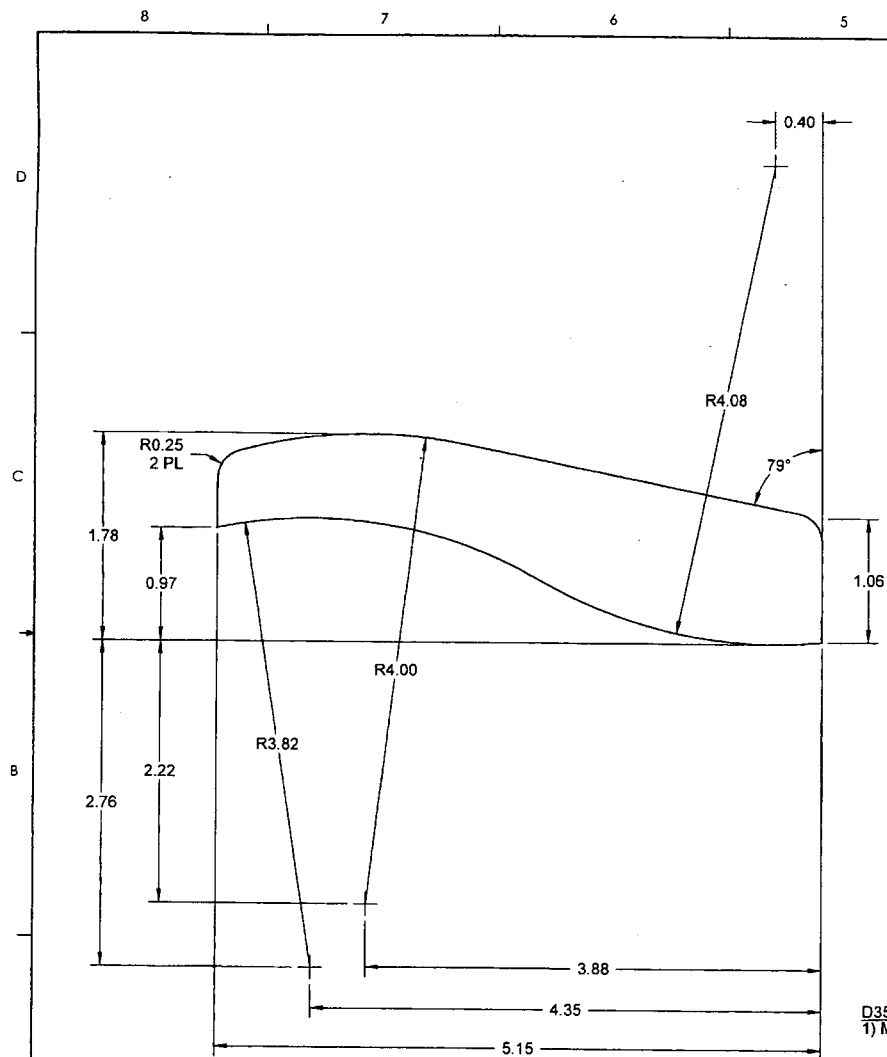
**D3589-7 AFT GUIDE PLATE
MAKE FROM D3589-7F**

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09/02/05 NIB

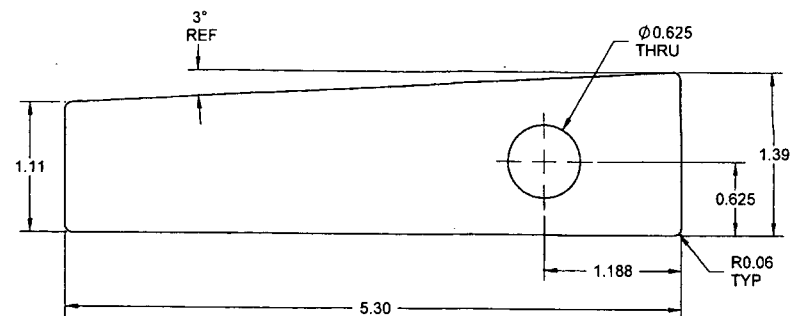
D3589-7F-7F NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SHEET, PER AMS 5513 OR AMS 5524,
OR MIL-S-5059 (ANNEALED) 2B FINISH
16 GAUGE (0.063 THICK), (REF. DART SPEC M304S16GA)
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.09 lbs

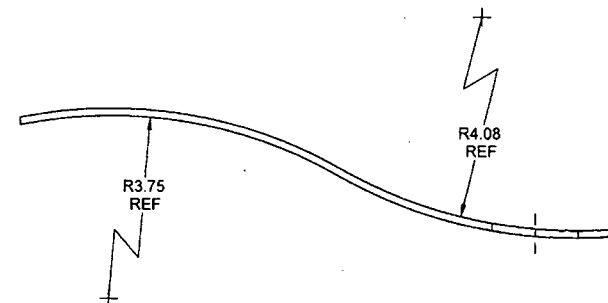
DESIGN	JH	DART AEROSPACE LTD	
DRAWN	JH	HAWKESBURY, ONTARIO, CANADA	
CHECKED	PH	DRAWING NO.	REV. B
MFG. APPR.	SS	D3589	SHEET 5 OF 8
APPROVED	NO	TITLE	SCALE
DE APPR.	JH	LATCH ASSEMBLY	NTS
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D3589-9 FORWARD GUIDE PLATE



D3589-11F FORWARD GUIDE PLATE
FLAT PATTERN



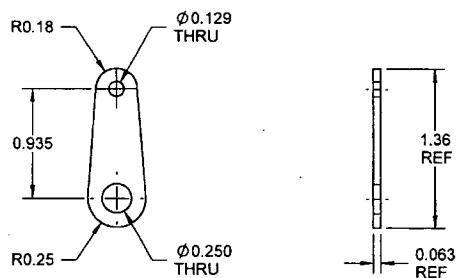
D3589-11 FORWARD GUIDE PLATE
(MAKE FROM D3589-11F)

D3589-9/-11/-11F NOTES:

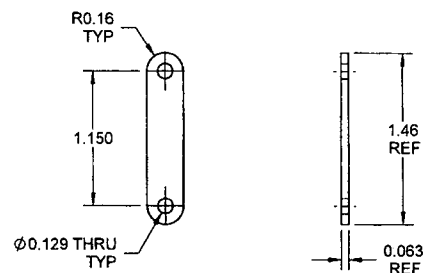
- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SHEET,
PER AMS 5513 OR AMS 5524,
OR MIL-S-5059 (ANNEALED) 2B FINISH
16 GAUGE (0.063 THICK),
(REF. DART SPEC M304S16GA)
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS
OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.09 lbs EACH
- 8) CONTROL SHAPE PER DT9021 TEMPLATE

RELEASED
09/22/05

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DRAWN	<i>[Signature]</i>	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. B
MFG. APPR.	<i>[Signature]</i>	D3589	SHEET 6 OF 8
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	FORWARD GUIDE PLATE	NTS
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D3589-13 LUG



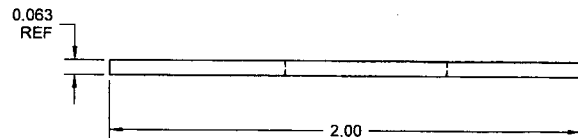
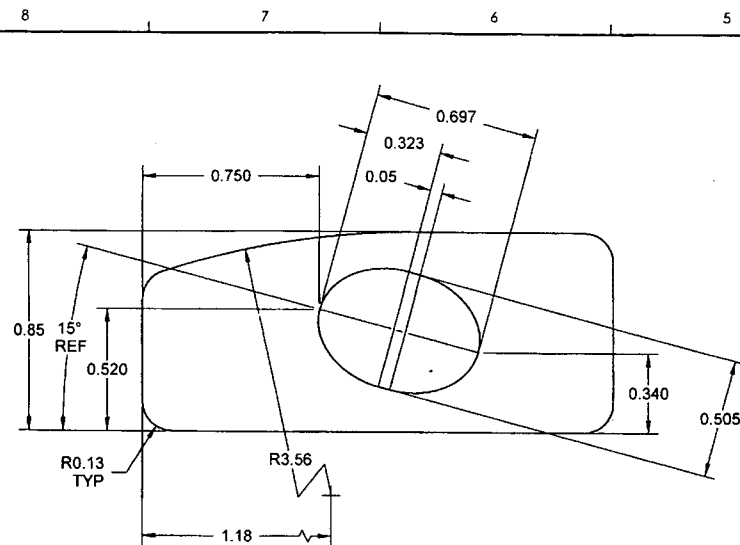
D3589-15 LINK

D3589-13/-15 NOTES:

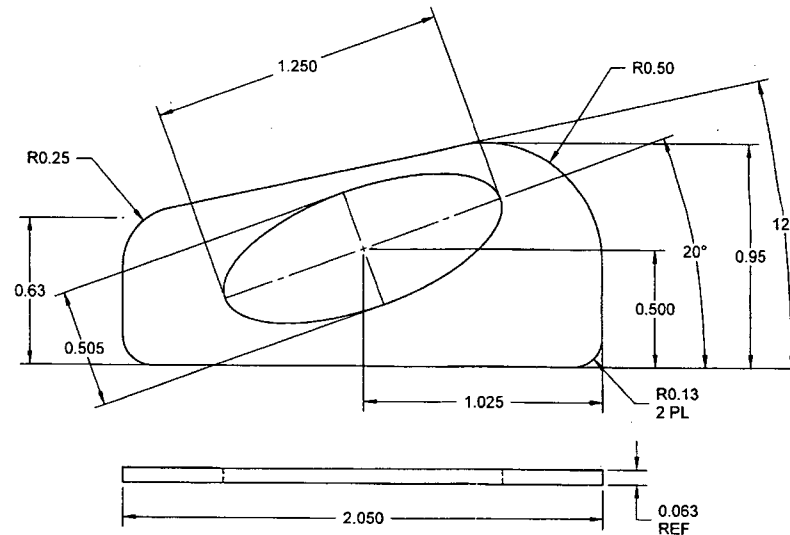
- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SHEET, PER AMS 5513 OR AMS 5524, OR MIL-S-5059 (ANNEALED) 2B FINISH 16 GAUGE (0.063 THICK), (REF. DART SPEC M304S16GA)
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.01 lbs EACH

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MFG. APPR.		D3589	SHEET 7 OF 8
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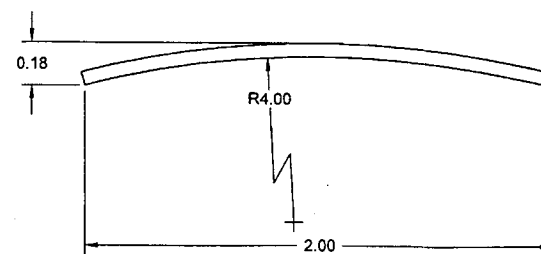
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09/02/25 MTD



D3589-17 FORWARD GUIDE PLATE



D3589-19F AFT GUIDE PLATE FLAT PATTERN



D3589-19 AFT GUIDE PLATE
(MAKE FROM D3589-19F)

RELEASED
09/12/05

D3589-17/-19/-19F NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SHEET, PER AMS 5513 OR AMS 5524, OR MIL-S-5059 (ANNEALED) 2B FINISH 16 GAUGE (0.063 THICK), (REF. DART SPEC M304S16GA)
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.02 lbs EACH

DESIGN	<i>[Signature]</i>	DART AEROSPACE LTD	
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MFG. APPR.	<i>[Signature]</i>	D3589	SHEET 8 OF 8
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	LATCH ASSEMBLY	NTS
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